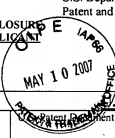


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1449/PTO	U.S. Department of Commerce Patent and Trademark Office	Application No. : 10/581,962 Filing Date : 06/06/2006
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 1 of 1		First Named Inventor: Eric SEITZ Group Art Unit : Examiner Name : Attorney Docket No. : ISH1 21.053



### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
	3,237,421		Gifford	03-01-1966	
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### Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume- issue number (if known), publisher, country, where published, source.	Applicant check here if English language translation attached
		E.I. MIKULIN, ET AL. Low Temperature Expansion Pulse Tube, Advances in Cryogenic Engineering, Vol. 29, 1984, p.629 - p. 637, Moscow High Technical School, Moscow, USSR	
Examiner Signature	/William Doerrier/		Date Considered 11/19/2008

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
 \* Unique citation designation number. \* See attached Kinds of U.S. Patent Documents. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* The Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. \* Kind of document by the appropriate symbols as indicated on the document under "WIPO Standard ST.1" if possible. \* Applicant is to place a check mark here if English language Translation is attached. (Under the Statement) This form is estimated to take 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.